

# PATENT ABSTRACTS OF JAPAN

(11)Publication number : 2002-247520

(43)Date of publication of application : 30.08.2002

(51)Int.Cl.

H04N 5/92

H04N 5/44

H04N 5/46

H04N 5/85

H04N 7/01

(21)Application number : 2001-041001

(71)Applicant : PIONEER ELECTRONIC CORP

(22)Date of filing : 16.02.2001

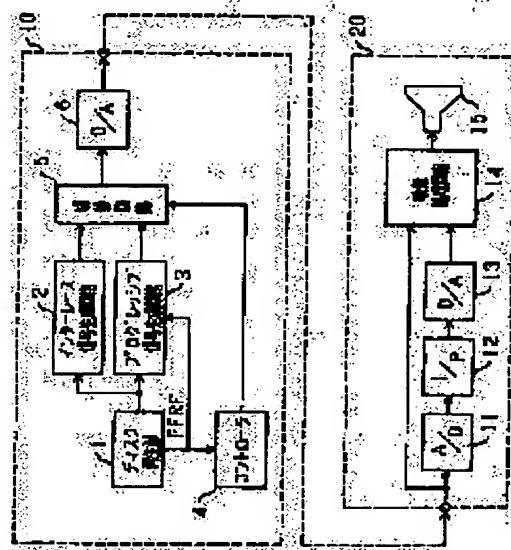
(72)Inventor : SAKANO TSUTOMU

## (54) VIDEO SIGNAL OUTPUT DEVICE

### (57)Abstract:

**PROBLEM TO BE SOLVED:** To provide a video signal output device which can always obtain the highest picture quality on a television receiver of a progressive system even with DVD video software produced from picture sources or video sources.

**SOLUTION:** This device comprises an interlaced signal generating circuit 2 which generates an interlaced signal from the video signal outputted from a disk reproduction part 1, a progressive signal generating circuit which generates a progressive signal from the video signal, a controller 4 which detects which of 24-frame/second and 30-frame/second signals the video signal is, and a switching circuit 5 which selects and outputs the progressive signal under the control of the controller 4 when the video signal is the 24-frame/second signal or the interlaced signal when the video signal is the 30-frame/second signal.



## LEGAL STATUS

[Date of request for examination]

[Date of sending the examiner's decision of rejection]

[Kind of final disposal of application other than the examiner's decision of rejection or application converted registration]

[Date of final disposal for application]

[Patent number]

[Date of registration]

[Number of appeal against examiner's decision of rejection]

[Date of requesting appeal against examiner's

BEST AVAILABLE COPY

decision of rejection]

[Date of extinction of right]

Copyright (C); 1998,2003 Japan Patent Office